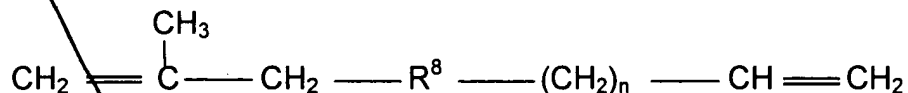


13. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 12, wherein said at least one non-conjugated diene has the formula:



wherein R^8 is 0 or an alkylene having from 1 to about 2 carbon atoms, and wherein n is 0 or an integer from 1 to about 10.

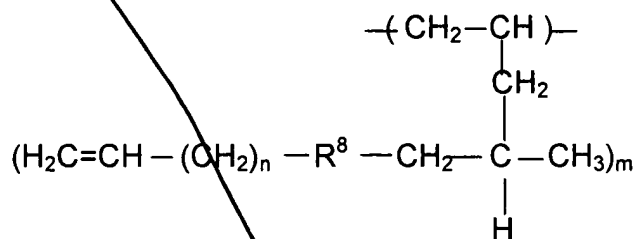
14. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 13, wherein said at least one non-conjugated diene is 2-methyl-1,5 hexadiene.

15. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 12, wherein said at least one non-conjugated diene is grafted on the backbone of said poly(vinyl chloride), wherein said at least one non-conjugated diene is an oligomer having from 2 to about 20 repeat groups, and wherein the number of said grafted oligomers per poly(vinyl chloride) chain is from 1 to about 20.

16. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 15, wherein said repeat groups of said at least one non-conjugated diene oligomer have an unsaturated end group.

Please add the following new claims:

54. A poly(vinyl chloride)-g-non-conjugated diene composition comprising: a poly(vinyl chloride) graft copolymer chain having at least one repeat unit of the formula:



per chain of said graft copolymer, wherein R^8 is 0 or an alkylene having from 1 to about 2 carbon atoms, wherein n is 0 or an integer from 1 to about 10, and wherein m is

an integer from 1 to about 20, said pendant portion of said formula is derived from a non-conjugated diene.

55. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 54, wherein 1 to about 20 of said repeat units are present per said poly(vinyl chloride) graft copolymer chain.

56. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 55, wherein said pendant portion of said formula is derived from 2-methyl-1,5 hexadiene.

57. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 55, wherein m is about 3 to about 10 and wherein the number of said repeat units per said graft copolymer chain is from 1 to about 10.

58. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 57, wherein m is about 3 to about 7, and wherein the number of said repeat units per said graft copolymer chain is from 1 to about 3.

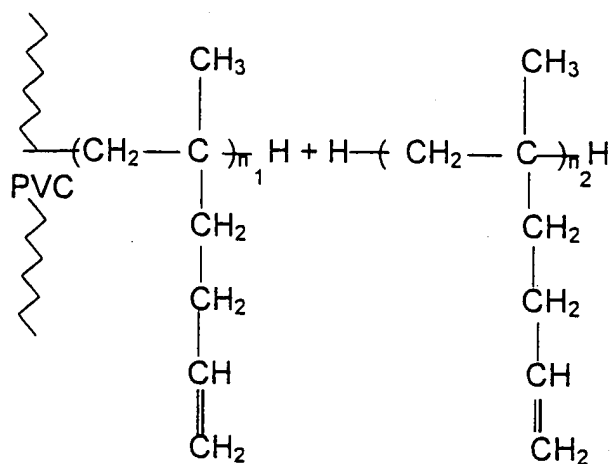
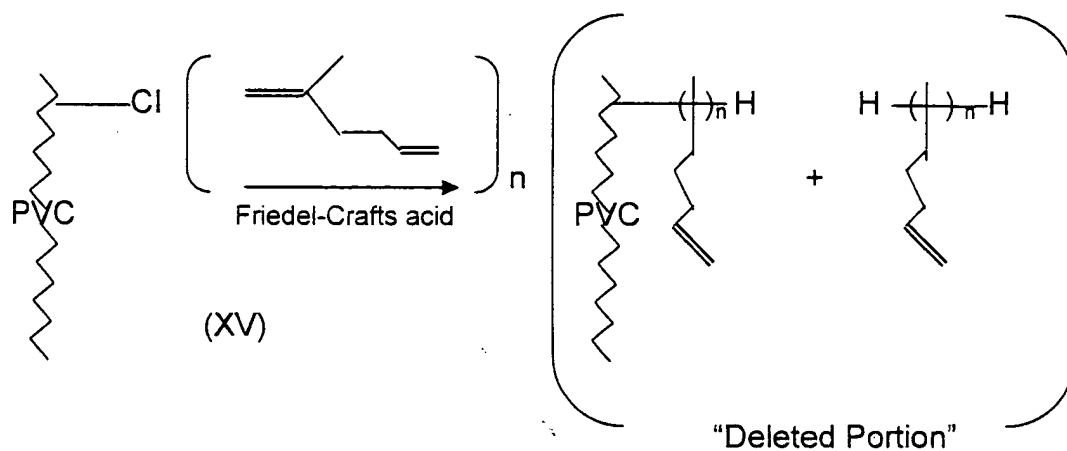
59. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 15, wherein m is about 3 to about 7, and wherein from 1 to about 10 of said repeat units are present per said poly(vinyl chloride) graft copolymer chain.

60. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 59, wherein from 1 to about 3 of said repeat units are present per said poly(vinyl chloride) graft copolymer chain.

Following is a **marked** version of the prior pending claims with all changes shown in conventional comparison:

IN THE SPECIFICATION:

Please replace Formula 15 at the top of page 29 with the following formula:

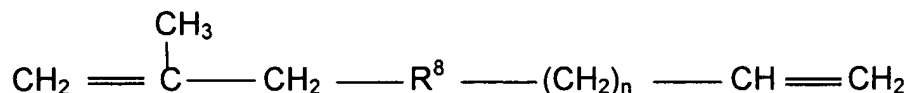


IN THE CLAIMS:

Please cancel claims 1-11 without bias or prejudice.

12. A poly(vinyl chloride)-g-non-conjugated diene composition comprising:
 the reaction product of a poly(vinyl chloride) and at least one non-conjugated
 diene having a total from [about] 4 to about 18 carbon atoms.

13. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 12, wherein said at least one non-conjugated diene has the formula:



wherein R^8 is 0 or an alkylene having from [0] 1 to about 2 carbon atoms, and wherein n is 0 or an integer from [about 0] 1 to about 10.

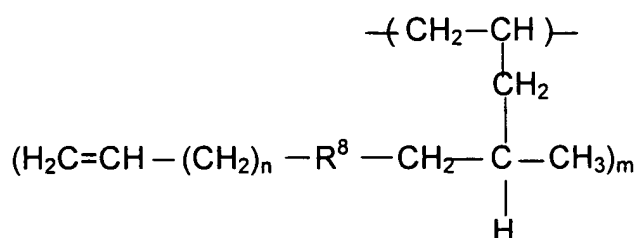
14. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 13, wherein said at least one non-conjugated diene is 2-methyl-1,5 hexadiene.

15. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 12, wherein said at least one non-conjugated diene is grafted on the backbone of said poly(vinyl chloride), wherein said at least one non-conjugated diene is an oligomer having from [about 1] 2 to about 20 repeat groups, and wherein the number of said grafted oligomers per poly(vinyl chloride) chain is from 1 to about 20.

16. The poly(vinyl chloride)-g-non-conjugated diene composition according to claim 15, wherein said repeat groups of said at least one non-conjugated diene oligomer have an unsaturated end group.

Please add the following new claims:

54. A poly(vinyl chloride)-g-non-conjugated diene composition comprising:
a poly(vinyl chloride) graft copolymer chain having at least one repeat unit of the formula:



per chain of said graft copolymer, wherein R^8 is 0 or an alkylene having from 1 to about 2 carbon atoms, wherein n is 0 or an integer from 1 to about 10, and wherein m is an integer from 1 to about 20, said pendant portion of said formula is derived from a non-conjugated diene.

55. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 54, wherein 1 to about 20 of said repeat units are present per said poly(vinyl chloride) graft copolymer chain.

56. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 55, wherein said pendant portion of said formula is derived from 2-methyl-1,5 hexadiene.

57. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 55, wherein m is about 3 to about 10 and wherein the number of said repeat units per said graft copolymer chain is from 1 to about 10.

58. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 57, wherein m is about 3 to about 7, and wherein the number of said repeat units per said graft copolymer chain is from 1 to about 3.

59. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 15, wherein m is about 3 to about 7, and wherein from 1 to about 10 of said repeat units are present per said poly(vinyl chloride) graft copolymer chain.

60. A poly(vinyl chloride)-g-non-conjugated diene composition according to claim 59, wherein from 1 to about 3 of said repeat units are present per said poly(vinyl chloride) graft copolymer chain.